

TITLE: SELF-DECRYPTING WEB SITE PAGES

ABSTRACT

A web site contains a process which allows visitors to the site to view sensitive information contained in cryptograms in the site pages. During the site visit, controlling and key handling functions within the process automatically give the visitor an opportunity to enter keys to identify certain cryptograms in the site pages that the visitor is authorized to display. When pages containing the identified cryptograms are downloaded during the site visit, a decryption function within the process displays decrypted versions of those cryptograms in a seamless, sequential presentation along with standard page contents. At all times while pages are transmitted, stored, handled by network servers, or processed and displayed by a browser, the sensitive information in the site pages remains in cryptographic form.